

What Is Claimed Is:

1. A method for reducing power consumption of a wireless input device when the wireless input device is unintentionally activated, the method comprising:

5 detecting an unintentional activation of the wireless input device;

disabling power consuming circuitry of the wireless input device responsive to the detecting of the unintentional activation;

10 detecting a removal of the unintentional activation of the wireless input device; and

enabling the power consuming circuitry of the wireless input device for normal operation.

15 2. The method of claim 1, wherein the detecting a removal comprises asynchronously detecting a removal.

3. The method of claim 1, wherein the detecting a removal comprises synchronously detecting a removal.

20

4. The method of claim 1, wherein the wireless input device is a keyboard.

25 5. The method of claim 1, wherein the wireless input device is a mouse.

6. The method of claim 1, wherein the detecting an unintentional activation comprises detecting an object accidentally placed on the wireless input device.

30

7. The method of claim 1, wherein the detecting an unintentional activation comprises detecting activation of the

wireless input device and detecting the unintentional activation of the wireless input device after a predetermined period of time from the activation of the wireless input device.

5           8.    The method of claim 1, wherein the disabling power consuming circuitry comprises causing a processing unit to disable the power consuming circuitry of the wireless input device.

10           9.   The method of claim 1, wherein the wireless input device includes a processing unit and the disabling power consuming circuitry comprises disabling the processing unit and related control logic of the wireless input device.

15           10. The method of claim 1, wherein the detecting a removal comprises detecting an edge of a signal generated when the unintentional activation of the wireless input device is removed.

20           11. The method of claim 1, wherein the enabling power consuming circuitry comprises causing a processing unit to enable the power consuming circuitry of the wireless input device.

25           12. The circuit of claim 1, wherein the wireless input device includes a processing unit and the enabling power consuming circuitry comprises enabling the processing unit and related control logic of the wireless input device.

30           13. A circuit for reducing power consumption of a wireless input device when the wireless input device is unintentionally activated, comprising:

means for detecting an unintentional activation of the wireless input device;

means for disabling power consuming circuitry of the wireless input device responsive to the detecting of the unintentional activation;

means for detecting a removal of the unintentional activation of the wireless input device; and

means for enabling the power consuming circuitry of the wireless input device for normal operation.

10

14. The circuit of claim 13, wherein the means for detecting a removal comprises means for asynchronously detecting a removal.

15

15. The circuit of claim 13, wherein the means for detecting a removal comprises means for synchronously detecting a removal.

20

16. The circuit of claim 13, wherein the wireless input device is a keyboard.

17. The circuit of claim 13, wherein the wireless input device is a mouse.

25

18. The circuit of claim 13, wherein the means for detecting an unintentional activation comprises means for detecting an object accidentally placed on the wireless input device.

30

19. The circuit of claim 13, wherein the means for detecting an unintentional activation comprises means for detecting activation of the wireless input device and means for

detecting the unintentional activation of the wireless input device after a predetermined period of time from the activation of the wireless input device.

5           20. The circuit of claim 13, wherein the means for disabling power consuming circuitry comprises means for causing a processing unit to disable the power consuming circuitry of the wireless input device.

10           21. The circuit of claim 13, wherein the wireless input device includes a processing unit and the means for disabling power consuming circuitry comprises means for disabling the processing unit and related control logic of the wireless input device.

15           22. The circuit of claim 13, wherein the means for detecting a removal comprises means for detecting an edge of a signal generated when the unintentional activation of the wireless input device is removed.

20           23. The circuit of claim 13, wherein the means for enabling power consuming circuitry comprises means for causing a processing unit to enable the power consuming circuitry of the wireless input device.

25           24. The circuit of claim 13, wherein the wireless input device includes a processing unit and the means for enabling power consuming circuitry comprises means for enabling the processing unit and related control logic of the wireless input  
30 device.

25. A wireless input device capable of reducing power

consumption when the wireless input device is unintentionally activated, comprising:

a wireless interface unit;

a processing unit coupled to the wireless interface unit;

5 an input/output unit coupled to the wireless interface unit and the processing unit; and

a power management unit, wherein the power management unit includes:

10 detection circuitry for detecting an unintentional activation of the wireless input device,

disabling circuitry for disabling power consuming circuitry of the wireless input device responsive to the detecting of the unintentional activation,

15 a flip-flop for detecting a removal of the unintentional activation of the wireless input device, and enabling circuitry for enabling the power consuming circuitry of the wireless input device for normal operation.

26. A wireless input device of claim 25, wherein the flip-flop is asynchronous.

27. A wireless input device of claim 25, wherein the flip-flop is synchronous.

25